

FILED DATE: 26-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, JANET P.
REGISTRATION NUMBER: 34,799
REFERENCE/DOCKET NUMBER: R0020B-REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-3097
TELEFAX: (650) 852-3097
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 6007 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-024-020B-2

Query Match 11.4% Score 41.8; DB 3; Length 6007;
Best Local Similarity 48.0%; Pred. No. 0.055;
Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGCTGGAACAGCTGACCTAGTGGCTCTACCTGCTTCTCT 146
DB 4779 CTACTATTTCACCAATGCTGGTGAACATCTTGTGCTTGTGGTGCATCTCTCATTTGT 4838
QY 147 GGGCGTGGGCTGCGGCTGACCCCGGCTTTTACCACTGGGCGGCACTGCTCTGCAT 206
DB 4839 GGGAAATGCTTCCGCGGATATCATTTGAGAAGTACTTCTGCTCCCAACCTATTCGAGT 4898
QY 207 CGACTTCATGCTTTTACGCGGCTGCTGCATCTTTCACGGTCAACAAACAGCTGGG 266
DB 4899 TATCCGATTTGGCCGCTATTTGGGCGCATCTTGCCTGATCAAGGCGCAAGGAGATCG 4958
QY 267 GCCAAGATGCTCATGTCAGCAAGATGATGAAGACGCTCTCTCTCTCTCTCTCT 326
DB 4959 CACCTGCTCTTGGCTTAATGATGCTGCGCCGCTGTTCAACATGCGCTCTCTGCT 5018
QY 327 CGCGCT 332
DB 5019 CTTCCT 5024

RESULT 12

US-09-024-020B-7
Sequence 7, Application US/09024020B
Patent No. 6030810
GENERAL INFORMATION:
APPLICANT: DELGADO, STEPHEN G.
APPLICANT: DIETRICH, PAUL S.
APPLICANT: FISH, LINDA M.
APPLICANT: HERMAN, RONALD C.
APPLICANT: SANGAMESWARAN, LAKSHMI
TITLE OF INVENTION: NOVEL CLONED TETRODOTOXIN-SENSITIVE
NUMBER OF SEQUENCES: 43
TITLE OF INVENTION: SODIUM CHANNEL I-SUBUNIT AND A SPLICE VARIANT THEREOF
CORRESPONDENCE ADDRESS:
ADDRESSEE: JANET PAULINE CLARK
STREET: 3401 HILLVIEW AVENUE, MS A2-250
CITY: PALO ALTO
STATE: CA
COUNTRY: U.S.A.
ZIP: 94304-1397
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/024,020B
FILING DATE: 16-FEB-1998
CLASSIFICATION: 536
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/039,447
FILED DATE: 26-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, JANET P.
REGISTRATION NUMBER: 34,799
REFERENCE/DOCKET NUMBER: R0020B-REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-3097
TELEFAX: (650) 852-3097
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6556 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-024-020B-7

Query Match 11.4% Score 41.8; DB 3; Length 6556;
Best Local Similarity 48.0%; Pred. No. 0.057;
Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGCTGGAACAGCTGACCTAGTGGCTCTACCTGCTTCTCT 146
DB 4896 CTACTATTTCACCAATGCTGGTGAACATCTTGTGCTTGTGGTGCATCTCTCATTTGT 4955
QY 147 GGGCGTGGGCTGCGGCTGACCCCGGCTTTTACCACTGGGCGGCACTGCTCTGCAT 206
DB 4956 GGGAAATGCTTCCGCGGATATCATTTGAGAAGTACTTCTGCTCCCAACCTATTCGAGT 5015
QY 207 CGACTTCATGCTTTTACGCGGCTGCTGCATCTTTCACGGTCAACAAACAGCTGGG 266
DB 5016 TATCCGATTTGGCCGCTATTTGGGCGCATCTTGCCTGATCAAGGCGCAAGGAGATCG 5075
QY 267 GCCAAGATGCTCATGTCAGCAAGATGATGAAGACGCTCTCTCTCTCTCTCTCTCT 326
DB 5076 CACCTGCTCTTGGCTTAATGATGCTGCGCCGCTGTTCAACATGCGCTCTCTGCT 5135
QY 327 CGCGCT 332
DB 5136 CTTCCT 5141

RESULT 13

US-09-024-020B-43
Sequence 43, Application US/09024020B
Patent No. 6030810
GENERAL INFORMATION:
APPLICANT: DELGADO, STEPHEN G.
APPLICANT: DIETRICH, PAUL S.
APPLICANT: FISH, LINDA M.
APPLICANT: HERMAN, RONALD C.
APPLICANT: SANGAMESWARAN, LAKSHMI
TITLE OF INVENTION: NOVEL CLONED TETRODOTOXIN-SENSITIVE
NUMBER OF SEQUENCES: 43
TITLE OF INVENTION: SODIUM CHANNEL I-SUBUNIT AND A SPLICE VARIANT THEREOF
CORRESPONDENCE ADDRESS:
ADDRESSEE: JANET PAULINE CLARK
STREET: 3401 HILLVIEW AVENUE, MS A2-250
CITY: PALO ALTO
STATE: CA
COUNTRY: U.S.A.
ZIP: 94304-1397
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/024,020B
FILING DATE: 16-FEB-1998
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/039,447
FILING DATE: 26-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, JANET P.
REGISTRATION NUMBER: 34,799
REFERENCE/DOCKET NUMBER: R0020B-REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-3097
TELEFAX: (650) 855-5322
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 6586 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-024-020B-43

Query Match 11.4%; Score 41.8; DB 3; Length 6586;
Best Local Similarity 48.0%; Pred. No. 0.057;
Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGCTGAGACAGCTAGTGGCTCTCAGCTGCTCTCTCT 146
DB 4926 CTACTATTTCACCATTTGGCGAAGCATCTTGTGTGTGTCATCCCTCATTTGT 4985
QY 147 GGGCGTGGGCTGCGGCTGACCCCGGTTTGTACACCTGGGCGGACGTCTCTGAT 206
DB 4986 GGGAGATGTTCTGCTGATATCATTTGAGAGTACTTCTCCCAACCCATTTCCAGT 5045
QY 207 CGACTTCAGTGTTCACGGTGGGCTGCTTCACATCTTCACGGTCAACAAGCTGGG 266
DB 5046 TATCCGATTGGCCGATTTGGCGCATCTTGTGATCAAGGCGCAAGGGATCCG 5105
QY 267 GCCCAAGATGTCATCTGAGCAGATGATGAGAGAGCTGTTCTTCTCTCTCTCT 326
DB 5106 CACCTCTCTTGGCTTATGATGATGCTGCGCCGCTCTTCAACATGCGCTCTCTCT 5165
QY 327 CGGCGT 332
DB 5166 CTTCCT 5171

RESULT 14
US-09-024-020B-8
Sequence 8, Application US/09024020B
Patent No. 6030810

GENERAL INFORMATION:
APPLICANT: DELGADO, STEPHEN G.
APPLICANT: DIETRICH, PAUL S.
APPLICANT: FISH, LINDA M.
APPLICANT: HERMAN, RONALD C.
APPLICANT: SANGAMESWARAN, LAKSHMI
TITLE OF INVENTION: NOVEL CLONED TETRODOXIN-SENSITIVE
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: JANET PAULINE CLARK
STREET: 3401 HILLVIEW AVENUE, MS A2-250
CITY: PALO ALTO
STATE: CA
COUNTRY: U.S.A.
ZIP: 94304-1397
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/024,020B
FILING DATE: 16-FEB-1998

CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/039,447
FILING DATE: 26-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, JANET P.
REGISTRATION NUMBER: 34,799
REFERENCE/DOCKET NUMBER: R0020B-REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-3097
TELEFAX: (650) 855-5322
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 6826 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-024-020B-8

Query Match 11.4%; Score 41.8; DB 3; Length 6826;
Best Local Similarity 48.0%; Pred. No. 0.057;
Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGCTGAGACAGCTAGTGGCTCTCAGCTGCTCTCTCT 146
DB 4722 CTACTATTTCACCATTTGGCGAAGCATCTTGTGTGTGTCATCCCTCATTTGT 4781
QY 147 GGGCGTGGGCTGCGGCTGACCCCGGTTTGTACACCTGGGCGGACGTCTCTGAT 206
DB 4782 GGGATGTTCTGCTGATATCATTTGAGAGTACTTGTCTCCCAACCCATTTCCAGT 4841
QY 207 CGACTTCAGTGTTCACGGTGGGCTGCTTCACATTTTCAGGTCACAAAGCTGGG 266
DB 4842 TATCCGATTGGCCGATTTGGCGCATCTTGTGATCAAGGCGCAAGGGATCCG 4901
QY 267 GCCCAAGATGTCATCTGAGCAGATGATGAGAGAGCTTCTTCTCTCTCTCTCT 326
DB 4902 CACCTCTCTTGGCTTATGATGATGCTGCGCCGCTCTTCAACATGCGCTCTCTCT 4961
QY 327 CGGCGT 332
DB 4962 CTTCCT 4967

RESULT 15
US-09-050-863-2/c
Sequence 2, Application US/09050863
Patent No. 6114111

GENERAL INFORMATION:
APPLICANT: Lao, Ying
APPLICANT: Hwang, Betty
APPLICANT: Payan, Don
TITLE OF INVENTION: Mammalian Protein Interaction Cloning
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,863
FILING DATE: 30-MAR-1998
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: SILVA, Robln M.
PEDESTATION NUMBER: 38 304

REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-

REFERENCE/DOCKET NUMBER: A-65638/DJB/RMS
TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989

TELEPHONE: (415) 761-1969
TELEFAX: (415) 949-8711

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 3590 base pairs

LENGTH: 2580 base pairs
TYPE: nucleic acid

type: nucleic acid
strandedness: unknown

STRANDEDNESS: unknown
TOPOLOGY: unknown

MOLECULE TYPE: DNA

9-050-863-2

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| | |
|---------------------|--------|
| every Match | 11.28; |
| at local similarity | 45.18; |

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tches 148; Conservative

148; conservative

11 CCGAGCGAGGCTGTGCCAGC

[illegible]

1529 CCTGGGCTCTTTCTCACCCTC

71. CTTGAGCCTAGCCCTTTCCTTATAC

71 CTGAGCCAGCGCCTGCCCTNCTAC

1469 CCTGGCTCTTTCACGTCCTCTAC

1469 CCTGGCTCTTTCACGTCCTCTAC

131 TCACCTGCTCCCTCGGCGTG

[illegible]

1409 ACTACCTCCTCGACCCGGCCTC

191 GCACCTGCTCCTGCAATCGACTTC

191 GCACTGCTCCTCTGCATCGACTTC

Search completed: October 5, 2001, 01:30:05.
Job time: 12037 sec

GenCore version 4.5.
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 5, 2001, 01:30:05 ; Search time 49.06 Seconds
(Without alignments)
825.776 Million cell updates/sec

Title: US-09-418-887-2

Perfect score: 214
Sequence: 1 CAACAGCTGGGGCCCAAGA.....TTCCCGAGAGACATGAC 214

Scoring table: IDENTITY_NUC
Gap 10.0, Gapext 1.0

Searched: 324599 seqs, 9455562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Database :

Issued Patents.NA:*
1: /cgnl_7/prodata/1/lna/5A_COMB.seq:*
2: /cgnl_7/prodata/1/lna/5B_COMB.seq:*
3: /cgnl_7/prodata/1/lna/5A_COMB.seq:*
4: /cgnl_7/prodata/1/lna/5B_COMB.seq:*
5: /cgnl_7/prodata/1/lna/5A_COMB.seq:*
6: /cgnl_7/prodata/1/lna/5B_COMB.seq:*

Prod. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|-------------------|
| 1 | 214 | 100.0 | 214 | 2 | US-08-727-688-2 |
| 2 | 214 | 100.0 | 1297 | 2 | US-08-727-688-9 |
| 3 | 198 | 92.5 | 213 | 2 | US-08-727-688-3 |
| 4 | 100.8 | 47.1 | 367 | 2 | US-08-727-688-1 |
| 5 | 89.2 | 41.7 | 3848 | 4 | US-09-112-096-28 |
| 6 | 89.2 | 41.7 | 3668 | 4 | US-09-112-096-14 |
| 7 | 50.8 | 23.7 | 5055 | 1 | US-08-623-679-8 |
| 8 | 50.8 | 23.7 | 5055 | 1 | US-08-623-679-8 |
| 9 | 50.8 | 23.7 | 5055 | 1 | US-08-623-679-8 |
| 10 | 42.2 | 19.7 | 4944 | 4 | US-08-623-679-6 |
| 11 | 42.2 | 19.7 | 4944 | 3 | US-08-933-774-6 |
| 12 | 42.2 | 19.7 | 4944 | 4 | US-09-181-030-6 |
| 13 | 34.8 | 16.3 | 28804 | 3 | US-08-592-874-1 |
| 14 | 34.8 | 16.3 | 28804 | 3 | US-09-096-942-2 |
| 15 | 34.8 | 16.3 | 28804 | 3 | US-09-096-942-2 |
| 16 | 33.8 | 15.8 | 343 | 2 | US-08-473-020A-5 |
| 17 | 32.4 | 15.1 | 11958 | 4 | US-09-134-246-8 |
| 18 | 31.4 | 14.7 | 819 | 1 | US-07-720-591A-1 |
| 19 | 31.4 | 14.7 | 962 | 1 | US-08-658-469-1 |
| 20 | 31.4 | 14.7 | 962 | 3 | US-09-081-420-1 |
| 21 | 31.2 | 14.6 | 4020 | 4 | US-09-050-159-130 |
| 22 | 31.2 | 14.6 | 4020 | 4 | US-09-162-484-18 |
| 23 | 31 | 14.5 | 1326 | 2 | US-08-484-093B-5 |
| 24 | 31 | 14.5 | 1326 | 2 | US-08-484-158B-5 |
| 25 | 31 | 14.5 | 1326 | 2 | US-08-484-158B-5 |
| 26 | 31 | 14.5 | 1326 | 2 | US-08-480-150A-5 |
| 27 | 31 | 14.5 | 1326 | 3 | US-08-458-731-5 |

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|----|------|------|-------|---|-------------------|-------------------|
| 28 | 31 | 14.5 | 1326 | 3 | US-08-149-223A-5 | Sequence 5, Appl |
| 29 | 31 | 14.5 | 36519 | 3 | US-08-923-137-2 | Sequence 2, Appl |
| 30 | 30.8 | 14.3 | 3150 | 4 | US-08-943-768-1 | Sequence 1, Appl |
| 31 | 30.6 | 14.3 | 3175 | 1 | US-08-050-684-1 | Sequence 1, Appl |
| 32 | 30.6 | 14.3 | 3175 | 1 | US-08-582-719-1 | Sequence 1, Appl |
| 33 | 30.4 | 14.2 | 605 | 4 | US-08-927-219-135 | Sequence 135, App |
| 34 | 30.4 | 14.2 | 939 | 2 | US-08-356-060A-7 | Sequence 7, Appl |
| 35 | 30.4 | 14.2 | 939 | 4 | US-08-460-900C-7 | Sequence 7, Appl |
| 36 | 30.4 | 14.2 | 10014 | 4 | US-08-927-219-130 | Sequence 130, App |
| 37 | 30.2 | 14.1 | 921 | 1 | US-08-722-001-17 | Sequence 17, Appl |
| 38 | 30.2 | 14.1 | 1567 | 1 | US-08-722-001-24 | Sequence 24, Appl |
| 39 | 30.2 | 14.1 | 1738 | 1 | US-08-334-698-3 | Sequence 3, Appl |
| 40 | 30.2 | 14.1 | 1738 | 1 | US-08-228-932-3 | Sequence 3, Appl |
| 41 | 30.2 | 14.1 | 1738 | 1 | US-08-468-939-3 | Sequence 3, Appl |
| 42 | 30.2 | 14.1 | 1738 | 2 | US-08-406-855A-3 | Sequence 3, Appl |
| 43 | 30.2 | 14.1 | 1738 | 2 | US-08-722-190-3 | Sequence 3, Appl |
| 44 | 30.2 | 14.1 | 1738 | 3 | US-08-244-354-3 | Sequence 3, Appl |
| 45 | 30.2 | 14.1 | 1738 | 3 | US-09-206-899-3 | Sequence 3, Appl |

ALIGNMENTS

RESULT 1
US-08-727-688-2
Sequence 2, Application US/08727688
Patent No. 5919638
GENERAL INFORMATION:
APPLICANT: Russell, John C.
TITLE OF INVENTION: Reagents and Methods for Detecting Prostate Tumors
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road D377/AP6D
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/727,688
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Porembski, Priscilla E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5967.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (847) 937-0378
TELEFAX: (847) 938-2623
TELEX:
INFORMATION FOR SEQ ID NO.: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-727-688-2

Query Match 100.0%; Score 214; DB 2; Length 214;
Best Local Similarity 100.0%; Pred. No. 28-50; Indels 0; Gaps 0;
Matches 214; Conservative 0; Mismatches 0

1 CAACAGCTGGGGCCCAAGATCGTCATCGACGACGATGATGAGGACGTGTCCTT 60
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RESULT 7 US-08-623-679-8

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; Sequence 8, Application US/08623679
; Patent No. 5674739
; GENERAL INFORMATION:
; APPLICANT: Shytan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
; TITLE OF INVENTION: PROGRESSION
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flash & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/623,679
; FILING DATE: 29-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/412,431
; FILING DATE: 29-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07334/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5055 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 346..4945
; US-08-623-679-8

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Query Match      23.7%; Score 50.8; DB 1; Length 5055;
Best Local Similarity 52.3%; Pred. No. 2.6e-05;
Matches 112; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

OY 1 CAACAGCTGGGGCCCAAGATCGTCATGTCAGCAAGATGATGAAGAGCGTTCCTT 60
DB 2992 CAATGATTTGGGGCCCATACGTCATGATGATGATGGAAGATGATGACATGCTGTA 3041
OY 61 CCTCTTCTTCGCGCTGTGCTGTGCTGTAGCTATGCGCTGCGCAAGAGGGGCTCTGAG 120
DB 3042 TGTGTCTATCATGCTGCTGCTGCTATGATGATGCTTGGAGATTACCCGCTCAAGCATCTGCA 3101
OY 121 GCCACGGACAGTACTTCCCAAGTATCCTGGCCGCTCTTTACCGTCCCTACCTGCA 180
DB 3102 TCCAGAGAGAGAGCCCTTTGGAAACGCCCCGAAACATCTTCTACATGCCCCCTACTGAT 3161
OY 181 GATCTTCGGCAGATTCCCAAGAGAGACATGAGC 214
DB 3162 GATCTATGAGAGAGTGTGTTGCAGACCAATAGAC 3195

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RESULT 8
US-08-933-774-8

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; Sequence 8, Application US/08933774A
; Patent No. 6025137
; GENERAL INFORMATION:
; APPLICANT: Shytan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
; FILE REFERENCE: 07334/004003
; CURRENT APPLICATION NUMBER: US/08/933,774A
; CURRENT FILING DATE: 1997-09-19
; EARLIER APPLICATION NUMBER: US 08/623,679
; EARLIER FILING DATE: 1996-03-29
; EARLIER APPLICATION NUMBER: US 08/412,431
; EARLIER FILING DATE: 1995-03-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 5055
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (346)...(4944)
; US-08-933-774-8

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Query Match      23.7%; Score 50.8; DB 3; Length 5055;
Best Local Similarity 52.3%; Pred. No. 2.6e-05;
Matches 112; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

OY 1 CAACAGCTGGGGCCCAAGATCGTCATGTCAGCAAGATGATGAAGAGCGTTCCTT 60
DB 2992 CAATGATTTGGGGCCCATACGTCATGATGATGATGGAAGATGATGACATGCTGTA 3041
OY 61 CCTCTTCTTCGCGCTGTGCTGTGCTGTAGCTATGCGCTGCGCAAGAGGGGCTCTGAG 120
DB 3042 TGTGTCTATCATGCTGCTGCTGCTATGATGATGCTTGGAGATTACCCGCTCAAGCATCTGCA 3101
OY 121 GCCACGGACAGTACTTCCCAAGTATCCTGGCCGCTCTTTACCGTCCCTACCTGCA 180
DB 3102 TCCAGAGAGAGAGCCCTTTGGAAACGCCCCGAAACATCTTCTACATGCCCCCTACTGAT 3161
OY 181 GATCTTCGGCAGATTCCCAAGAGAGACATGAGC 214
DB 3162 GATCTATGAGAGAGTGTGTTGCAGACCAATAGAC 3195

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RESULT 9
US-09-181-030-8
; Sequence 8, Application US/09181030
; Patent No. 6251597
; GENERAL INFORMATION:
; APPLICANT: Shytan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
; FILE REFERENCE: 07334/004005
; CURRENT APPLICATION NUMBER: US/09/181,030
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: US 08/862,442
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: US 08/623,679
; EARLIER FILING DATE: 1996-03-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 5055
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (346)...(4944)
; US-09-181-030-8

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US-08-623-679-6
 RESULT 10
 : Sequence 6, Application US/08623679
 : Patent No. 5674739
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Shyjan, Andrew W.
 : TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
 : TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
 : TITLE OF INVENTION: PROGRESSION
 : NUMBER OF SEQUENCES: 9
 :
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Fish & Richardson P.C.
 : STREET: 225 Franklin Street

| Query Match | Score | DB 1 | Length |
|-----------------------|------------------|-------------------|--------|
| Best Local Similarity | 19.78; 51.38; | Pred. No. 0.0059; | 4944; |

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: RESULT 11
: US-08-933-774-6
: Sequence 6, Application US/08933774A
: Patent No. 6025137
:
: GENERAL INFORMATION:
:
: APPLICANT: Shyjan, Andrew W.
:
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
: TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
:
: FILE REFERENCE: 07334/004003
:
: CURRENT APPLICATION NUMBER: US/08/933,774A
:
: CURRENT FILING DATE: 1997-09-19
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: EARLIER APPLICATION NUMBER: US 08/623,679
:
: EARLIER FILING DATE: 1996-03-29
:
: EARLIER APPLICATION NUMBER: US 08/412,431
:
: EARLIER FILING DATE: 1995-03-29

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RESULT 12
US-09-181-030-6
; Sequence 6, Application US/09181030
; Patent No. 6251597
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.

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